

Refine Search

Search Results -

Terms	Documents
L14 and L13	4

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L15

Refine Search

Recall Text

Clear

Interrupt

Search History

 DATE: Sunday, May 23, 2004 [Printable Copy](#) [Create Case](#)
Set Name **Query**
 side by side

Hit Count **Set Name**
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L15</u>	L14 and l13	4	<u>L15</u>
<u>L14</u>	560/\$	67071	<u>L14</u>
<u>L13</u>	L7 and metal\$2 with impurit\$6	9	<u>L13</u>
<u>L12</u>	L7 and impurit\$6	27	<u>L12</u>
<u>L11</u>	L7 and metal\$2impurit\$6	0	<u>L11</u>
<u>L10</u>	L7 and metal impurit\$6	0	<u>L10</u>
<u>L9</u>	L7 and metal\$5 impurit\$6	0	<u>L9</u>
<u>L8</u>	L7 and metal \$5 impurit\$6	0	<u>L8</u>
<u>L7</u>	L6 and (olefin or propylene)	167	<u>L7</u>
<u>L6</u>	L5 and catalyst	208	<u>L6</u>
<u>L5</u>	l1 and (heteropoly acid or heteropolyacid)	227	<u>L5</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L4</u>	l2 and ester.ti.	103	<u>L4</u>
<u>L3</u>	l2 and ester	2140	<u>L3</u>

<u>L2</u>	ethylene with acetic acid with ester	2140	<u>L2</u>
<u>L1</u>	ethylene and acetic acid and ester	51843	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US RE38283 E

Using default format because multiple data bases are involved.

L15: Entry 1 of 4

File: USPT

Oct 21, 2003

US-PAT-NO: RE38283

DOCUMENT-IDENTIFIER: US RE38283 E

TITLE: Catalyst for use in producing carboxylic esters

DATE-ISSUED: October 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamamatsu; Setsuo	Fuji			JP
Yamaguchi; Tatsuo	Shizuoka-ken			JP
Yokota; Koshiro	Kurashiki			JP

US-CL-CURRENT: 560/210; 502/102, 560/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 6232491 B1

L15: Entry 2 of 4

File: USPT

May 15, 2001

US-PAT-NO: 6232491

DOCUMENT-IDENTIFIER: US 6232491 B1

TITLE: Purification process for removal of impurities in acetic acid-ethylene reactions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6040472 A

L15: Entry 3 of 4

File: USPT

Mar 21, 2000

US-PAT-NO: 6040472

DOCUMENT-IDENTIFIER: US 6040472 A

TITLE: Catalyst for use in producing carboxylic esters

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw D
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☐ 4. Document ID: US 4579967 A

L15: Entry 4 of 4

File: USPT

Apr 1, 1986

US-PAT-NO: 4579967

DOCUMENT-IDENTIFIER: US 4579967 A

TITLE: Production of alkyl methacrylate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw D
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